

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Atty. Docket No.: 3175-Z

In re application of  
Laung-Terng Wang et al  
Serial No. 10/086,214

Filed: March 27, 2002

Group Art Unit 2184

For: Method and Apparatus for Diagnosing Failures in an Integrated Circuit Using  
Design-for-Debug (DFD) Techniques

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#4  
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INFORMATION DISCLOSURE STATEMENT

This Information Disclosure Statement is submitted:

- ☐ under 37 CFR 1.97(b), or  
(Within three months of filing national application; or date of entry of international application; or before mailing date of first Office action on the merits; whichever occurs last.)
- ☐ under 37 CFR 1.97(c) together with either a:
  - ☐ Certification under 37 CFR 1.97(e), or
  - ☐ a \$240.00 fee under 37 CFR 117(p), or  
(After the CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first.)
- ☒ under 37 CFR 1.97(d) together with either a:
  - ☒ Certification under 37 CFR 1.97(e), and
  - ☐ a petition under 37 CFR 1.97(d)(2)(ii), and
  - ☐ a \$130.00 petition fee set forth in 37 CFR §117(i)(1).  
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee.)

Applicant(s) submits herewith Form PTO 1449-Information Disclosure Citation together with copies of patents, publications or other information of which applicant(s) is aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

These references were cited in an International Search Report mailed 05 June 2002, a copy of which is attached. Additional references were cited in the International Search Report, but the remaining references were cited in an IDS filed by applicant on June 14, 2002.

The relevance of the attached references is that this is the closest art of which applicant(s) is aware.

Applicant(s) submits that the above references taken alone or in combination neither anticipate nor render obvious the present invention. Consideration of the foregoing in relation to this application is respectfully requested.

Respectfully submitted,

*Jim Zegeer*  
Jim Zegeer, Reg. No. 18,957  
Attorney for Applicant(s)

Attachments:

Form PTO-1449, cited references, Statement Under 37 C.F.R. §1.97(e)  
and International Search Report

Suite 108  
801 North Pitt Street  
Alexandria, VA 22314  
Telephone: 703-684-8333  
Date: June 25, 2002

In the event this paper is deemed not timely filed, the applicant hereby petitions for an appropriate extension of time. The fee for this extension may be charged to Deposit Account No. 26-0090 along with any other additional fees which may be required with respect to this paper.



FORM PTO-1449  
(MODIFIED)U.S. Department of Commerce  
Patent and Trademark OfficeATTY. DOCKET NO.  
3175-Z

SERIAL NO.

10/086,214

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT

Laung-Terng Wang et al

FILING DATE

February 27, 2002

GROUP

2184

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,240,377	05/2001	Kai et al	703	24	
	6,199,031	03/2001	Challier et al	703	14	
	6,122,762	09/2000	Kim	714	726	

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## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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Techniques

STATEMENT UNDER 37 CFR 1.97(e)

Hon. Commissioner of Patents and Trademarks  
Washington, D.C. 20231

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Sir:

The undersigned hereby certifies that either:

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- (X) Each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, not more than three months prior to the filing of the statement or
- ( ) No item of information contained in the Information Disclosure Statement
  - was cited in a communication from a foreign patent office in a counterpart foreign application, and
  - to the knowledge of the undersigned, after making reasonable inquiry, was known to an individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the Information Disclosure Statement.

Respectfully submitted,

Jim Zegeer, Reg. No. 18,957  
Attorney for Applicants

Suite 108  
801 North Pitt Street  
Alexandria, VA 22314  
Telephone: 703-684-8333

Date: June 25, 2002